

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (currently amended) A carbon aerogel molded part containing a filler ~~containing~~ including inorganic hollow spheres and having a thermal conductivity of up to $0.5 \text{ Wm}^{-1}\text{K}^{-1}$, where the pore space between the hollow spheres is essentially completely filled by the aerogel.
2. (previously presented) The aerogel molded part according to claim 1, wherein said aerogel further comprises silica aerogels, organic aerogels, or combinations thereof.
3. (previous presented) The aerogel molded part according to claim 1, wherein said hollow spheres consist of glass.
4. (previous presented) The aerogel molded part according to claim 1, wherein the thermal conductivity of the filler is up to $0.1 \text{ Wm}^{-1}\text{K}^{-1}$.
5. (previous presented) The aerogel molded part according to claim 1, wherein said aerogel contains a filler in an amount of from about 70% to 90% by volume.

6. (previous presented) The aerogel molded part according to claim 1, wherein the thermal conductivity of the molded part is lower than the thermal conductivity of the filler-free aerogel.

7. (previously presented) A process for the preparation of an aerogel molded part according to claim 1, comprising the steps of:

- a. preparation of a sol;
- b. mixing the sol with a filler;
- c. gelling of the sol into a gel; ~~and~~
- d. drying of the gel ; and
- e. pyrolyzing the resulting aerogel molded part.

8. (cancelled)